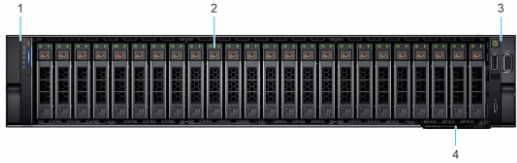


Exhibit 11

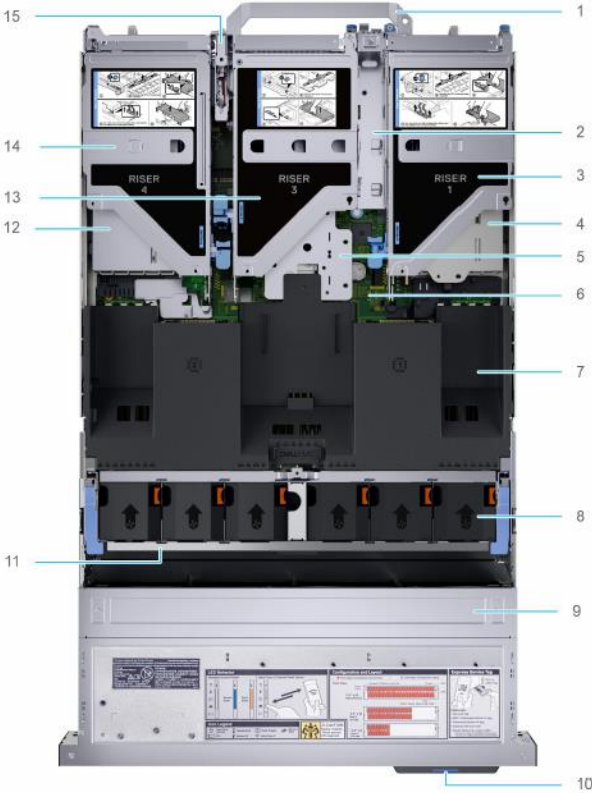
Illustrative Claim Chart for U.S. Patent No. 9,626,265

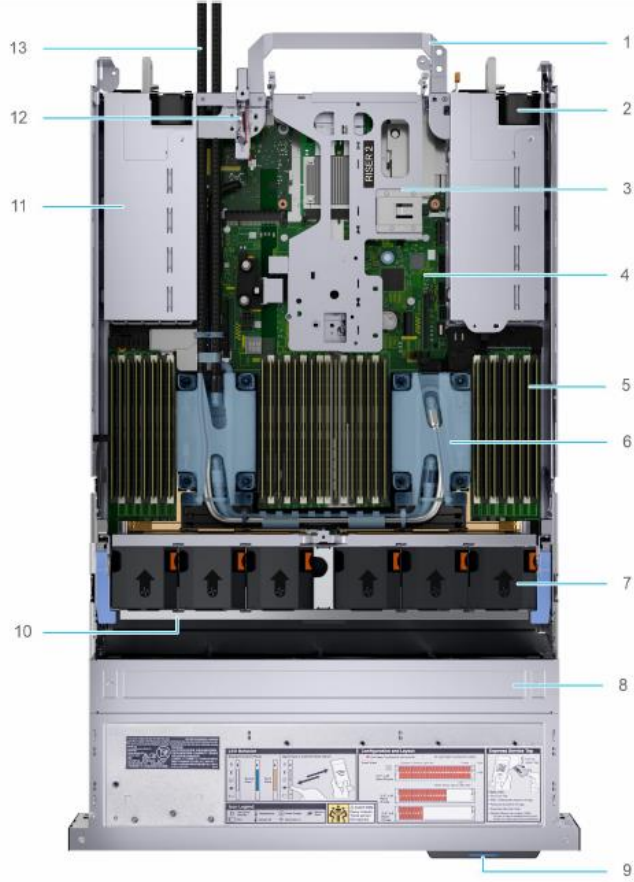
| Claim 1 | Exemplary Dell Servers ¹ |
|----------------------------------|--|
| An electronic device comprising: | <p>The Exemplary Dell Servers are electronic devices.</p> <p><i>See, e.g.,:</i></p> <p style="text-align: center;">System overview</p> <p>The Dell EMC PowerEdge R750 is a dual socket, 2U rack system that supports:</p> <ul style="list-style-type: none"> • Two 3rd Generation Intel Xeon Scalable processors • 32 DDR4 DIMM slots • Two redundant AC or mixed mode power supply units • Up to 12 x 3.5-inch, or 24 x 2.5-inch, 16 x 2.5-inch, 8 x 2.5-inch (rear), 4 x 2.5-inch (rear), SAS, SATA, or NVMe drives <p>NOTE: For more information about how to hot swap NVMe PCIe SSD U.2 device, see the <i>Dell Express Flash NVMe PCIe SSD User's Guide</i> at https://www.dell.com/support/Browse all Products > Data Center Infrastructure > Storage Adapters & Controllers > Dell PowerEdge Express Flash NVMe PCIe SSD > Documentation > Manuals and Documents.</p> <p>NOTE: All instances of SAS, SATA drives, PCIe SSDs, and NVMe are referred to as drives in this document, unless specified otherwise.</p> <p>CAUTION: Do not install GPUs, network cards, or other PCIe devices on your system that are not validated and tested by Dell. Damage caused by unauthorized and invalidated hardware installation will null and void the system warranty.</p> <p>NOTE: For more information, see the <i>Dell EMC PowerEdge R750 Technical Specifications</i> on the product documentation page.</p> <p>Topics:</p> <ul style="list-style-type: none"> • Front view of the system • Rear view of the system • Inside the system • Locating the Express Service Code and Service Tag • System information label • Rail sizing and rack compatibility matrix <p style="text-align: center;">Front view of the system</p>  <p>Installation and Service Manual, 9.</p> |

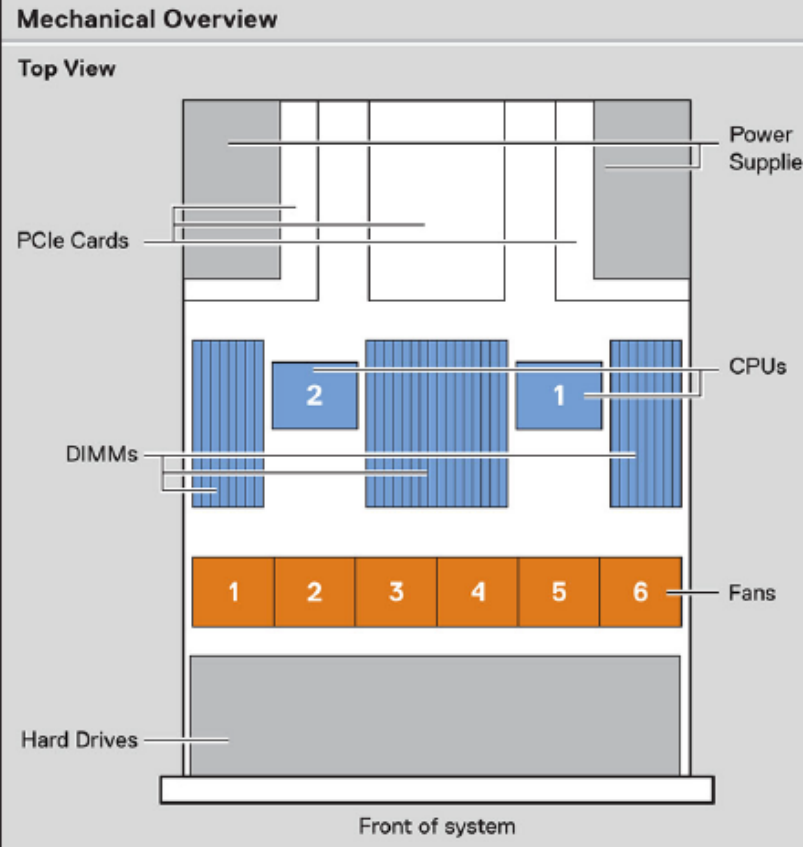
¹ The illustrative documentation cited herein is for the Dell PowerEdge R750 server (hereinafter “Installation and Service Manual”), which is dated March 2024, can be found at the following URL:

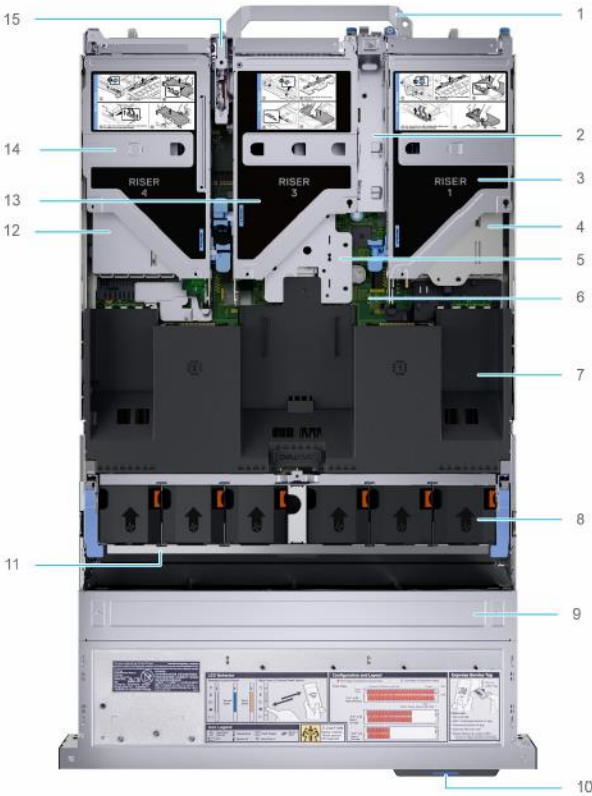
<https://dl.dell.com/content/manual15837466-dell-emc-powerededge-r750-installation-and-service-manual.pdf?language=en-us&ps=true>.

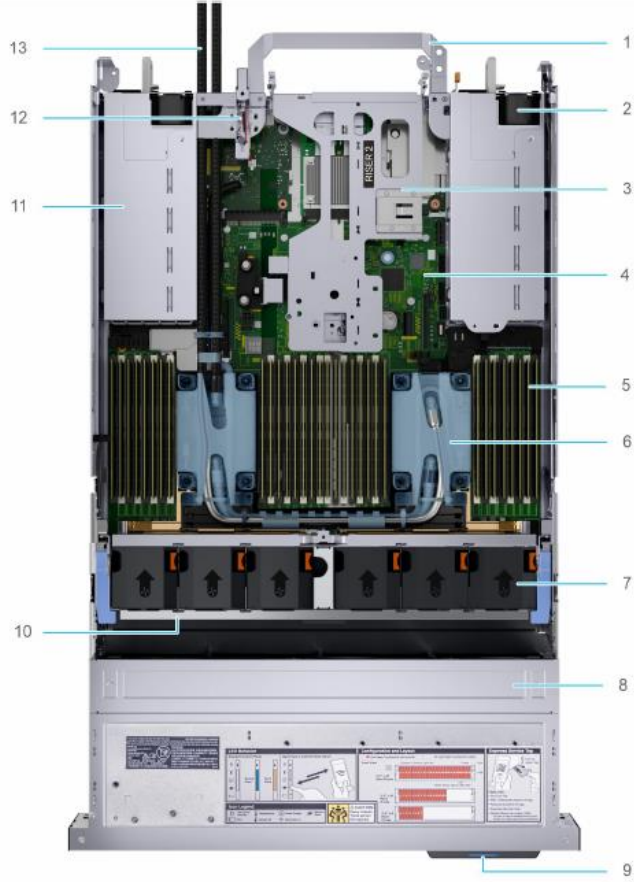
Other Dell servers also infringe the claims of the ’265 Patent.

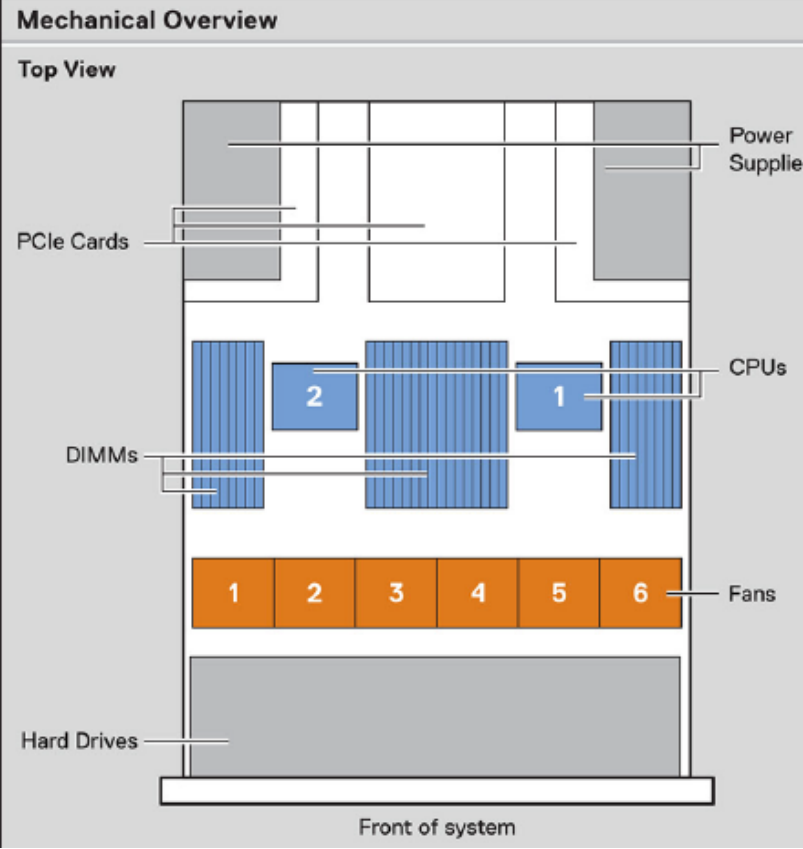
| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | | | |
|-------------------------------|--|-----------|-----------------------|------------|------------------------------|-----------------|-----------------|---------------|----------------|--------------------------|-----------------|-------------------------------|-------------------------------|-------------|-------------|-----------------------------|--|
| | <p data-bbox="611 240 909 277">Inside the system</p>  <p data-bbox="611 1133 831 1154">Figure 11. Inside the system</p> <table border="0"> <tbody> <tr> <td data-bbox="611 1162 688 1182">1. Handle</td><td data-bbox="1066 1162 1245 1182">2. BOSS S2 module bay</td></tr> <tr> <td data-bbox="611 1187 688 1206">3. Riser 1</td><td data-bbox="1066 1187 1283 1206">4. Power supply unit (PSU 1)</td></tr> <tr> <td data-bbox="611 1211 726 1230">5. Riser 2 cage</td><td data-bbox="1066 1211 1192 1230">6. System board</td></tr> <tr> <td data-bbox="611 1235 709 1255">7. Air shroud</td><td data-bbox="1066 1235 1192 1255">8. Cooling fan</td></tr> <tr> <td data-bbox="611 1260 793 1279">9. Drive backplane cover</td><td data-bbox="1066 1260 1178 1279">10. Service tag</td></tr> <tr> <td data-bbox="611 1284 825 1304">11. Cooling fan cage assembly</td><td data-bbox="1066 1284 1283 1304">12. Power supply unit (PSU 2)</td></tr> <tr> <td data-bbox="611 1308 688 1328">13. Riser 3</td><td data-bbox="1066 1308 1144 1328">14. Riser 4</td></tr> <tr> <td data-bbox="611 1333 804 1352">15. Intrusion switch module</td><td></td></tr> </tbody> </table> <p data-bbox="594 1352 1056 1382">Installation and Service Manual, 17.</p> | 1. Handle | 2. BOSS S2 module bay | 3. Riser 1 | 4. Power supply unit (PSU 1) | 5. Riser 2 cage | 6. System board | 7. Air shroud | 8. Cooling fan | 9. Drive backplane cover | 10. Service tag | 11. Cooling fan cage assembly | 12. Power supply unit (PSU 2) | 13. Riser 3 | 14. Riser 4 | 15. Intrusion switch module | |
| 1. Handle | 2. BOSS S2 module bay | | | | | | | | | | | | | | | | |
| 3. Riser 1 | 4. Power supply unit (PSU 1) | | | | | | | | | | | | | | | | |
| 5. Riser 2 cage | 6. System board | | | | | | | | | | | | | | | | |
| 7. Air shroud | 8. Cooling fan | | | | | | | | | | | | | | | | |
| 9. Drive backplane cover | 10. Service tag | | | | | | | | | | | | | | | | |
| 11. Cooling fan cage assembly | 12. Power supply unit (PSU 2) | | | | | | | | | | | | | | | | |
| 13. Riser 3 | 14. Riser 4 | | | | | | | | | | | | | | | | |
| 15. Intrusion switch module | | | | | | | | | | | | | | | | | |

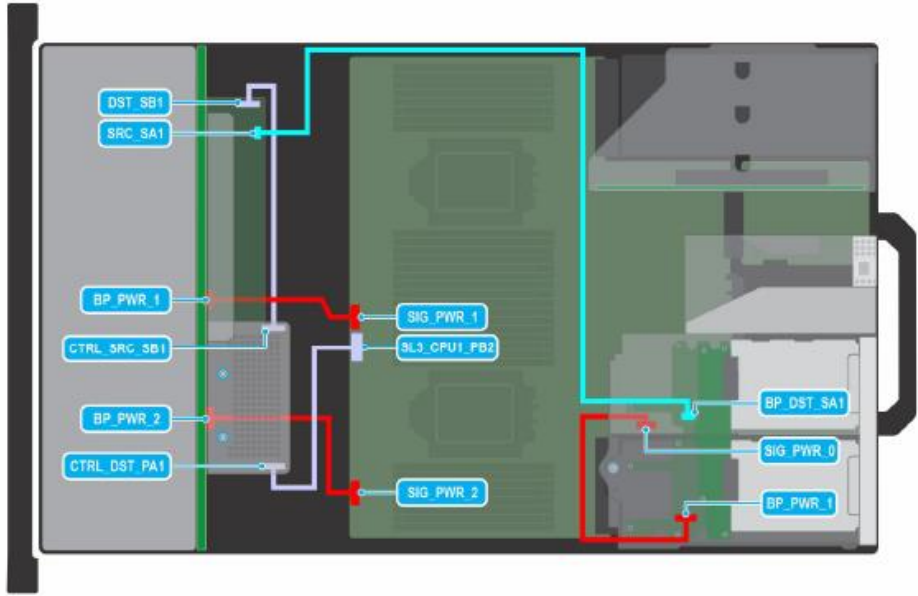
| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | |
|---------------------------------|---|-----------|------------------------------|------------|-----------------|------------------------|--------------------------|----------------|--------------------|----------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|--|
| |  <p data-bbox="604 1128 1066 1149">Figure 13. Inside the system with liquid cooling module</p> <div data-bbox="604 1156 1327 1318"> <table> <tbody> <tr> <td>1. Handle</td> <td>2. Power supply unit (PSU 1)</td> </tr> <tr> <td>3. Riser 2</td> <td>4. System board</td> </tr> <tr> <td>5. Memory DIMM sockets</td> <td>6. Liquid cooling module</td> </tr> <tr> <td>7. Cooling fan</td> <td>8. Drive backplane</td> </tr> <tr> <td>9. Service tag</td> <td>10. Cooling fan cage assembly</td> </tr> <tr> <td>11. Power supply unit (PSU 2)</td> <td>12. Intrusion switch module</td> </tr> <tr> <td>13. Liquid cooling module tubes</td> <td></td> </tr> </tbody> </table> </div> <p data-bbox="604 1323 1060 1354">Installation and Service Manual, 19.</p> | 1. Handle | 2. Power supply unit (PSU 1) | 3. Riser 2 | 4. System board | 5. Memory DIMM sockets | 6. Liquid cooling module | 7. Cooling fan | 8. Drive backplane | 9. Service tag | 10. Cooling fan cage assembly | 11. Power supply unit (PSU 2) | 12. Intrusion switch module | 13. Liquid cooling module tubes | |
| 1. Handle | 2. Power supply unit (PSU 1) | | | | | | | | | | | | | | |
| 3. Riser 2 | 4. System board | | | | | | | | | | | | | | |
| 5. Memory DIMM sockets | 6. Liquid cooling module | | | | | | | | | | | | | | |
| 7. Cooling fan | 8. Drive backplane | | | | | | | | | | | | | | |
| 9. Service tag | 10. Cooling fan cage assembly | | | | | | | | | | | | | | |
| 11. Power supply unit (PSU 2) | 12. Intrusion switch module | | | | | | | | | | | | | | |
| 13. Liquid cooling module tubes | | | | | | | | | | | | | | | |


| Claim 1 | Exemplary Dell Servers ¹ |
|--|--|
| | <p>Mechanical Overview</p> <p>Top View</p>  <p>Installation and Service Manual, 21.</p> |
| [a] a housing comprising a front face and a rear face which are distanced from each other in a longitudinal direction; | <p>The Exemplary Dell Servers include a housing comprising a front face and a rear face which are distanced from each other in a longitudinal direction.</p> <p><i>See, e.g.,:</i></p> |

| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | | | |
|-------------------------------|---|-----------|-----------------------|------------|------------------------------|-----------------|-----------------|---------------|----------------|--------------------------|-----------------|-------------------------------|-------------------------------|-------------|-------------|-----------------------------|--|
| | <p data-bbox="611 240 909 277">Inside the system</p>  <p data-bbox="611 1133 831 1154">Figure 11. Inside the system</p> <div data-bbox="611 1159 1283 1341"> <table> <tbody> <tr> <td>1. Handle</td> <td>2. BOSS S2 module bay</td> </tr> <tr> <td>3. Riser 1</td> <td>4. Power supply unit (PSU 1)</td> </tr> <tr> <td>5. Riser 2 cage</td> <td>6. System board</td> </tr> <tr> <td>7. Air shroud</td> <td>8. Cooling fan</td> </tr> <tr> <td>9. Drive backplane cover</td> <td>10. Service tag</td> </tr> <tr> <td>11. Cooling fan cage assembly</td> <td>12. Power supply unit (PSU 2)</td> </tr> <tr> <td>13. Riser 3</td> <td>14. Riser 4</td> </tr> <tr> <td>15. Intrusion switch module</td> <td></td> </tr> </tbody> </table> </div> <p data-bbox="596 1349 1058 1382">Installation and Service Manual, 17.</p> | 1. Handle | 2. BOSS S2 module bay | 3. Riser 1 | 4. Power supply unit (PSU 1) | 5. Riser 2 cage | 6. System board | 7. Air shroud | 8. Cooling fan | 9. Drive backplane cover | 10. Service tag | 11. Cooling fan cage assembly | 12. Power supply unit (PSU 2) | 13. Riser 3 | 14. Riser 4 | 15. Intrusion switch module | |
| 1. Handle | 2. BOSS S2 module bay | | | | | | | | | | | | | | | | |
| 3. Riser 1 | 4. Power supply unit (PSU 1) | | | | | | | | | | | | | | | | |
| 5. Riser 2 cage | 6. System board | | | | | | | | | | | | | | | | |
| 7. Air shroud | 8. Cooling fan | | | | | | | | | | | | | | | | |
| 9. Drive backplane cover | 10. Service tag | | | | | | | | | | | | | | | | |
| 11. Cooling fan cage assembly | 12. Power supply unit (PSU 2) | | | | | | | | | | | | | | | | |
| 13. Riser 3 | 14. Riser 4 | | | | | | | | | | | | | | | | |
| 15. Intrusion switch module | | | | | | | | | | | | | | | | | |

| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | |
|---------------------------------|---|-----------|------------------------------|------------|-----------------|------------------------|--------------------------|----------------|--------------------|----------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|--|
| |  <p data-bbox="604 1128 1066 1149">Figure 13. Inside the system with liquid cooling module</p> <div data-bbox="604 1156 1327 1318"> <table> <tbody> <tr> <td>1. Handle</td><td>2. Power supply unit (PSU 1)</td></tr> <tr> <td>3. Riser 2</td><td>4. System board</td></tr> <tr> <td>5. Memory DIMM sockets</td><td>6. Liquid cooling module</td></tr> <tr> <td>7. Cooling fan</td><td>8. Drive backplane</td></tr> <tr> <td>9. Service tag</td><td>10. Cooling fan cage assembly</td></tr> <tr> <td>11. Power supply unit (PSU 2)</td><td>12. Intrusion switch module</td></tr> <tr> <td>13. Liquid cooling module tubes</td><td></td></tr> </tbody> </table> </div> <p data-bbox="604 1328 1066 1354">Installation and Service Manual, 19.</p> | 1. Handle | 2. Power supply unit (PSU 1) | 3. Riser 2 | 4. System board | 5. Memory DIMM sockets | 6. Liquid cooling module | 7. Cooling fan | 8. Drive backplane | 9. Service tag | 10. Cooling fan cage assembly | 11. Power supply unit (PSU 2) | 12. Intrusion switch module | 13. Liquid cooling module tubes | |
| 1. Handle | 2. Power supply unit (PSU 1) | | | | | | | | | | | | | | |
| 3. Riser 2 | 4. System board | | | | | | | | | | | | | | |
| 5. Memory DIMM sockets | 6. Liquid cooling module | | | | | | | | | | | | | | |
| 7. Cooling fan | 8. Drive backplane | | | | | | | | | | | | | | |
| 9. Service tag | 10. Cooling fan cage assembly | | | | | | | | | | | | | | |
| 11. Power supply unit (PSU 2) | 12. Intrusion switch module | | | | | | | | | | | | | | |
| 13. Liquid cooling module tubes | | | | | | | | | | | | | | | |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| | <p>Mechanical Overview</p> <p>Top View</p>  <p>Installation and Service Manual, 21.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| | <div data-bbox="800 245 1713 837">A detailed schematic diagram of a server's internal hardware and its connections. The diagram shows a central green area representing the main system board, flanked by two grey areas representing expansion modules. On the left, there are four modules labeled DST_SB1, SRC_SA1, BP_PWR_1, CTRL_SRC_SB1, BP_PWR_2, and CTRL_DST_PA1. On the right, there are four modules labeled SIG_PWR_1, SIG_CPU1_PB2, BP_DST_SA1, SIG_PWR_0, and BP_PWR_1. A network of colored lines (red, blue, green, and black) connects these modules to each other and to various ports on the server chassis. A red line traces a path from the left modules through the central board to the right modules. A blue line traces a path from the top left modules through the central board to the top right modules. A green line traces a path from the bottom left modules through the central board to the bottom right modules. A black line traces a path from the top left modules through the central board to the bottom right modules. The diagram is labeled 'Figure 89. 24 x 2.5-inch SAS/SATA + 4 x 2.5-inch SAS with expander and fPERC' and is sourced from the 'Installation and Service Manual, 86.'</div> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|---|
| |  <p data-bbox="594 1328 1075 1357">Installation and Service Manual, 200.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---|--|
| <p>[b] a plurality of fans which are arranged inside the housing close to the front face so as to cause cooling air to flow downstream in the longitudinal direction from the front face to the rear face of the housing;</p> | <p>The Exemplary Dell Servers include a plurality of fans which are arranged inside the housing close to the front face so as to cause cooling air to flow downstream in the longitudinal direction from the front face to the rear face of the housing.</p> <p><i>See, e.g.,:</i></p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| | <p data-bbox="611 240 915 277">Inside the system</p>  <p data-bbox="611 1154 835 1174">Figure 11. Inside the system</p> <div data-bbox="611 1182 1297 1360"> <ul style="list-style-type: none"> 1. Handle 2. BOSS S2 module bay 3. Riser 1 4. Power supply unit (PSU 1) 5. Riser 2 cage 6. System board 7. Air shroud 8. Cooling fan 9. Drive backplane cover 10. Service tag 11. Cooling fan cage assembly 12. Power supply unit (PSU 2) 13. Riser 3 14. Riser 4 15. Intrusion switch module </div> <p data-bbox="596 1377 1056 1404">Installation and Service Manual, 17.</p> |

Claim 1

Exemplary Dell Servers¹

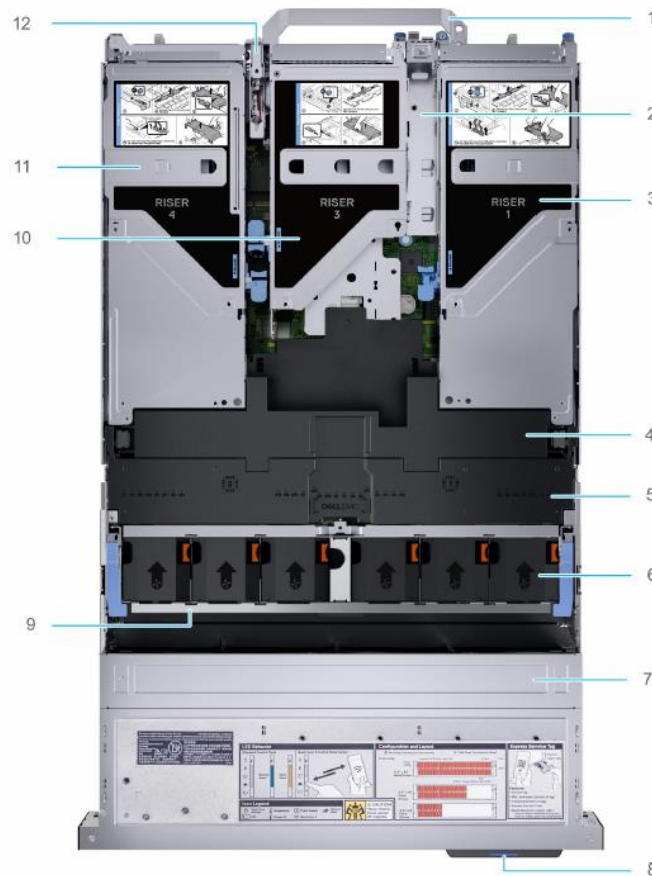
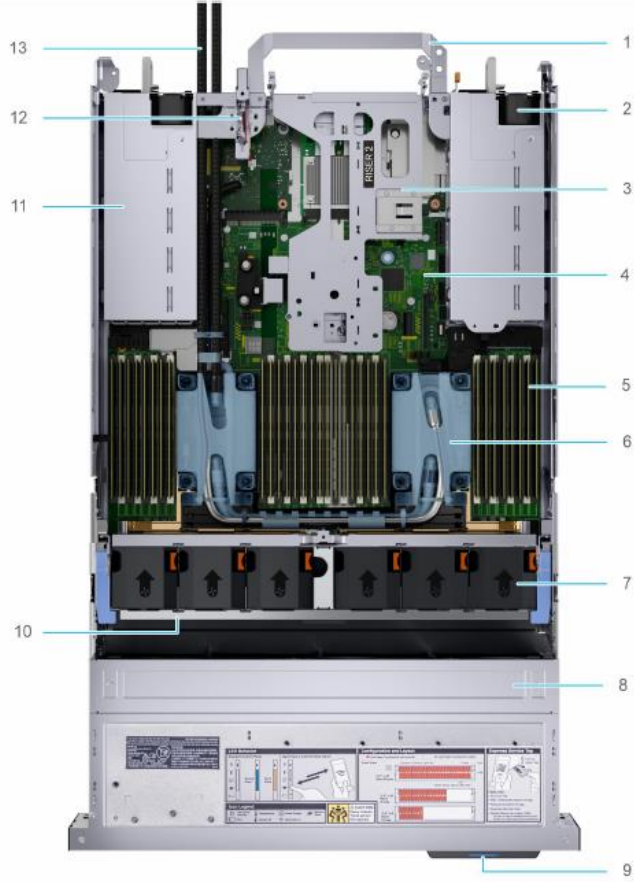
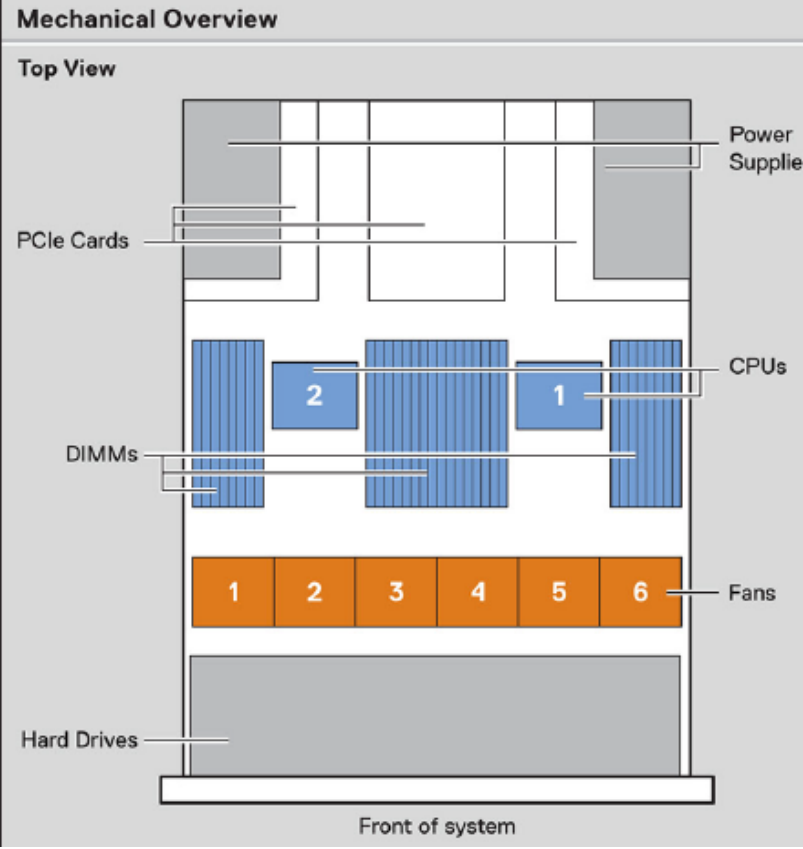


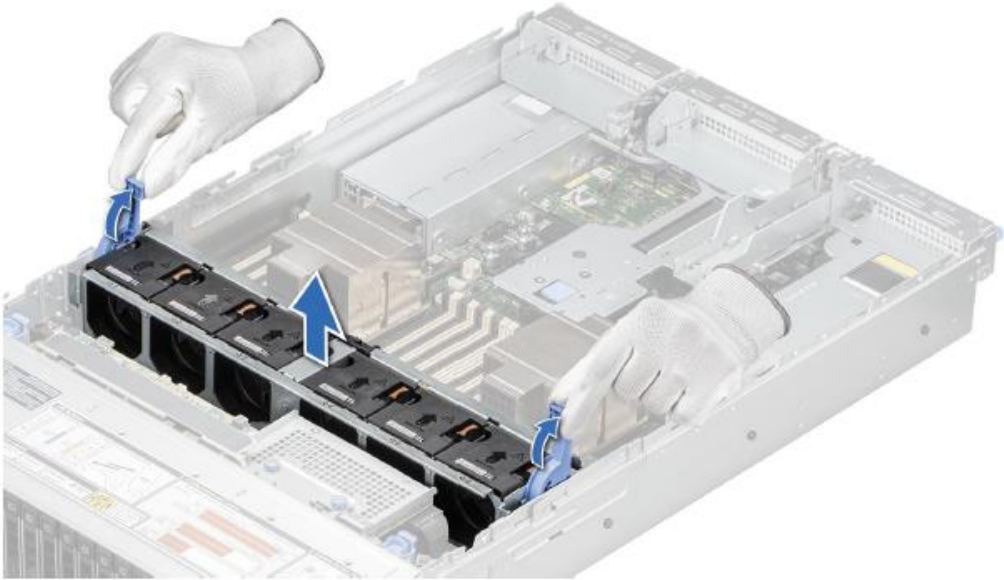
Figure 12. Inside the system with full length risers and GPU shroud

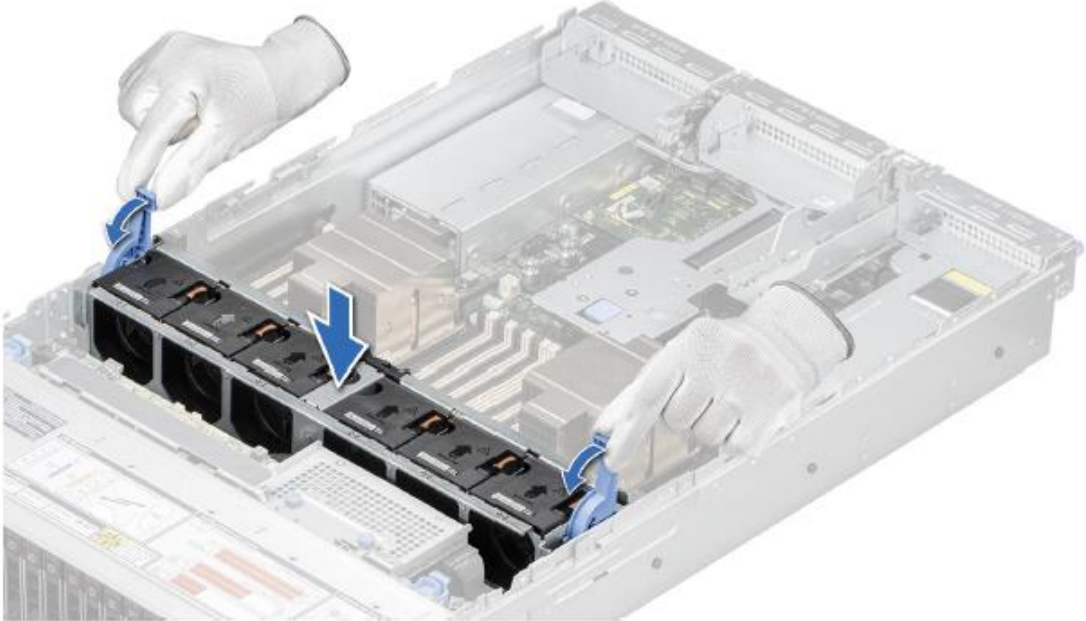
- | | |
|------------------------------|-----------------------------|
| 1. Handle | 2. BOSS S2 module bay |
| 3. Riser 1 | 4. GPU air shroud top cover |
| 5. GPU air shroud | 6. Cooling fan |
| 7. Drive backplane | 8. Service tag |
| 9. Cooling fan cage assembly | 10. Riser 3 |
| 11. Riser 4 | 12. Intrusion switch module |

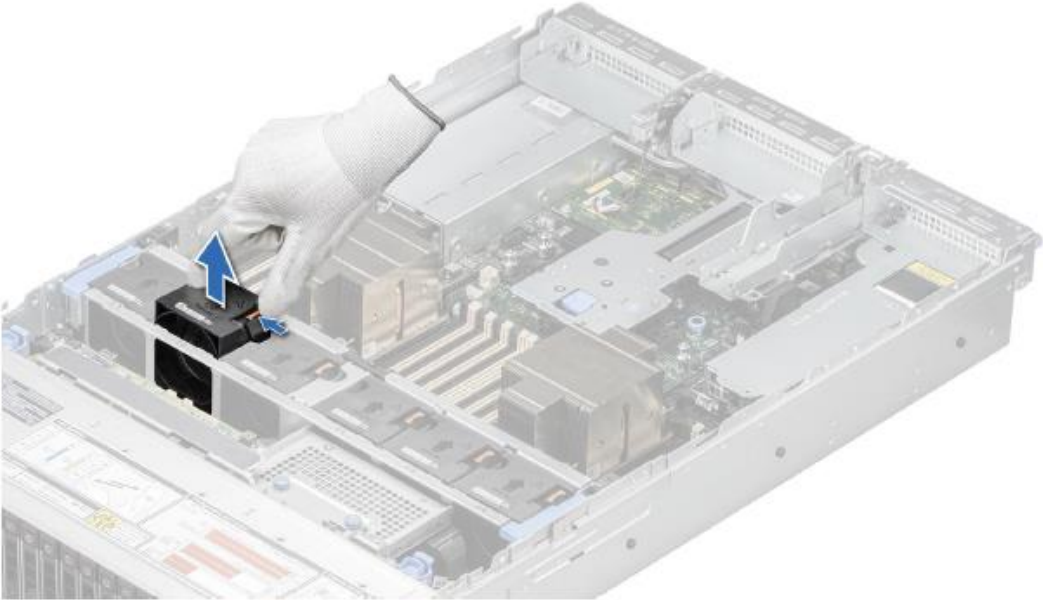
Installation and Service Manual, 18.

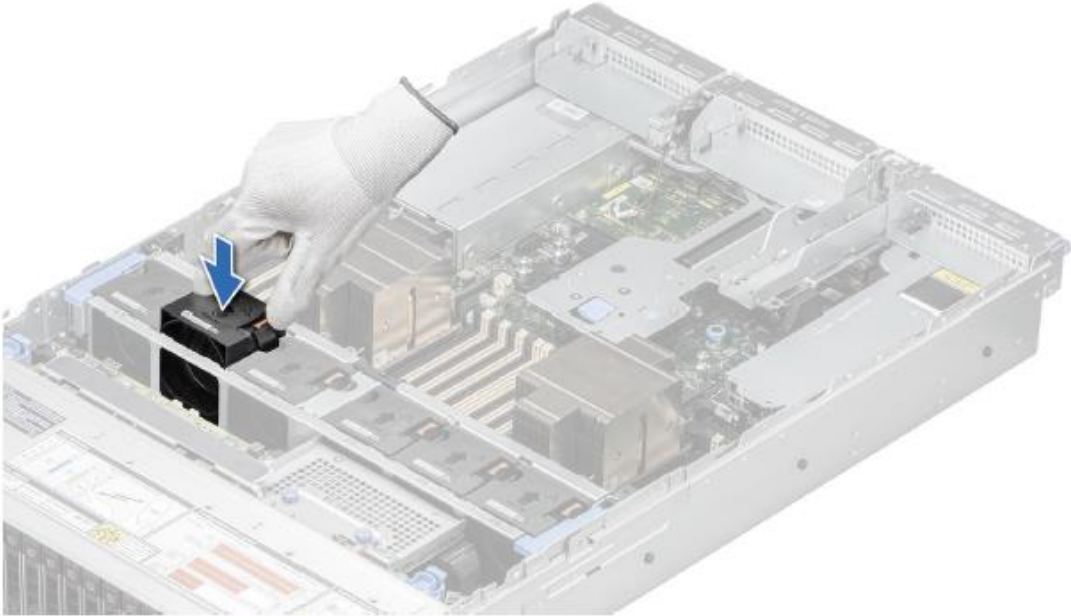
| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | |
|---------------------------------|---|-----------|------------------------------|------------|-----------------|------------------------|--------------------------|----------------|--------------------|----------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|--|
| |  <p data-bbox="604 1128 1066 1149">Figure 13. Inside the system with liquid cooling module</p> <div data-bbox="604 1156 1327 1318"> <table> <tbody> <tr> <td>1. Handle</td><td>2. Power supply unit (PSU 1)</td></tr> <tr> <td>3. Riser 2</td><td>4. System board</td></tr> <tr> <td>5. Memory DIMM sockets</td><td>6. Liquid cooling module</td></tr> <tr> <td>7. Cooling fan</td><td>8. Drive backplane</td></tr> <tr> <td>9. Service tag</td><td>10. Cooling fan cage assembly</td></tr> <tr> <td>11. Power supply unit (PSU 2)</td><td>12. Intrusion switch module</td></tr> <tr> <td>13. Liquid cooling module tubes</td><td></td></tr> </tbody> </table> </div> <p data-bbox="604 1328 1066 1354">Installation and Service Manual, 19.</p> | 1. Handle | 2. Power supply unit (PSU 1) | 3. Riser 2 | 4. System board | 5. Memory DIMM sockets | 6. Liquid cooling module | 7. Cooling fan | 8. Drive backplane | 9. Service tag | 10. Cooling fan cage assembly | 11. Power supply unit (PSU 2) | 12. Intrusion switch module | 13. Liquid cooling module tubes | |
| 1. Handle | 2. Power supply unit (PSU 1) | | | | | | | | | | | | | | |
| 3. Riser 2 | 4. System board | | | | | | | | | | | | | | |
| 5. Memory DIMM sockets | 6. Liquid cooling module | | | | | | | | | | | | | | |
| 7. Cooling fan | 8. Drive backplane | | | | | | | | | | | | | | |
| 9. Service tag | 10. Cooling fan cage assembly | | | | | | | | | | | | | | |
| 11. Power supply unit (PSU 2) | 12. Intrusion switch module | | | | | | | | | | | | | | |
| 13. Liquid cooling module tubes | | | | | | | | | | | | | | | |


| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| | <p>Mechanical Overview</p> <p>Top View</p>  <p>Installation and Service Manual, 21.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| |  <p data-bbox="594 841 1213 911">Figure 41. Removing the cooling fan cage assembly Installation and Service Manual, 49.</p> |

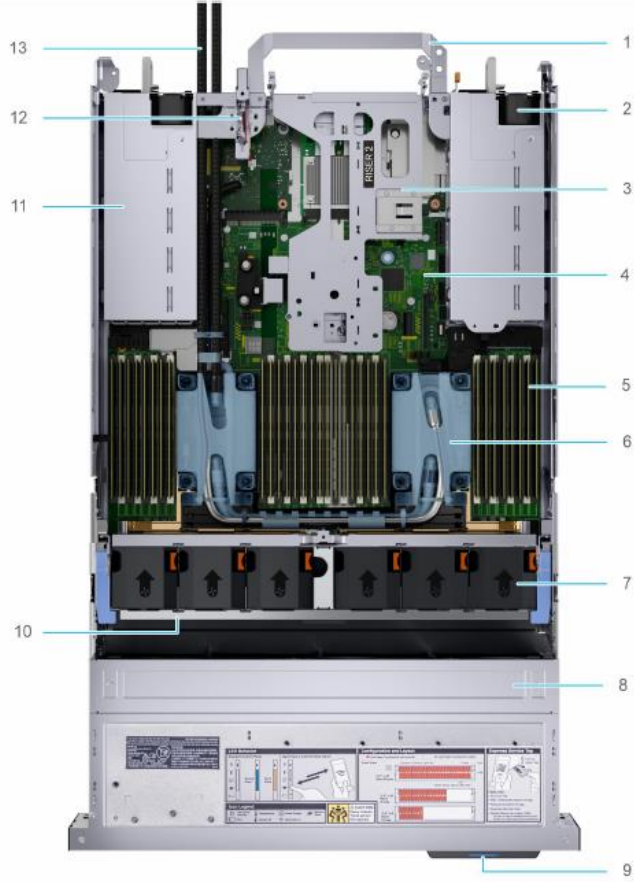
| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| |  <p data-bbox="596 878 1234 948">Figure 42. Installing the cooling fan cage assembly Installation and Service Manual, 50.</p> |

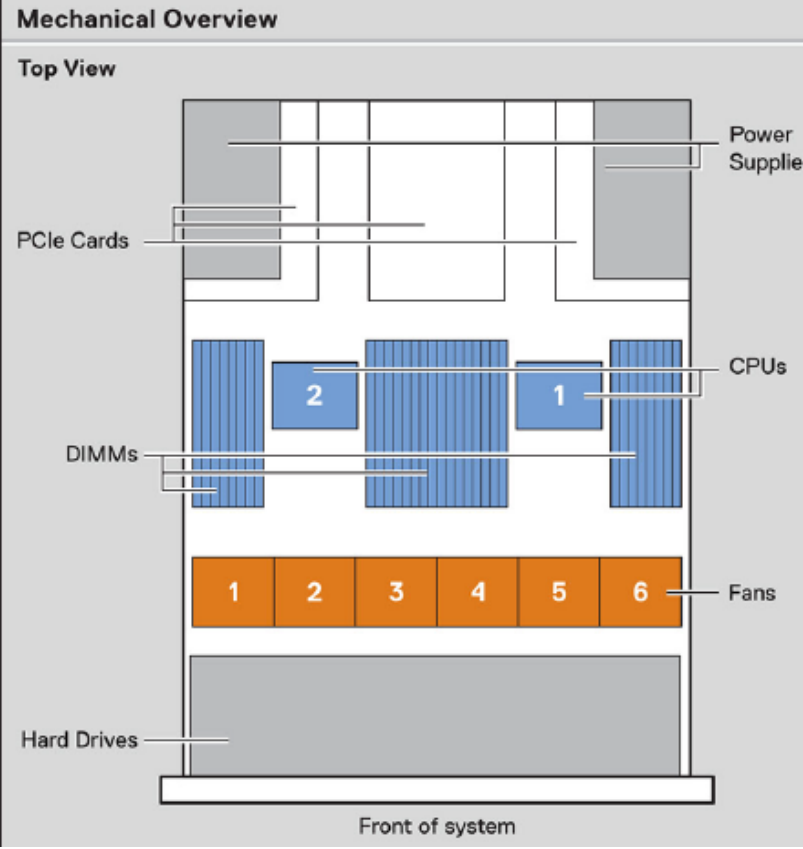
| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| |  <p data-bbox="594 852 1060 922">Figure 43. Removing a cooling fan Installation and Service Manual, 51.</p> |

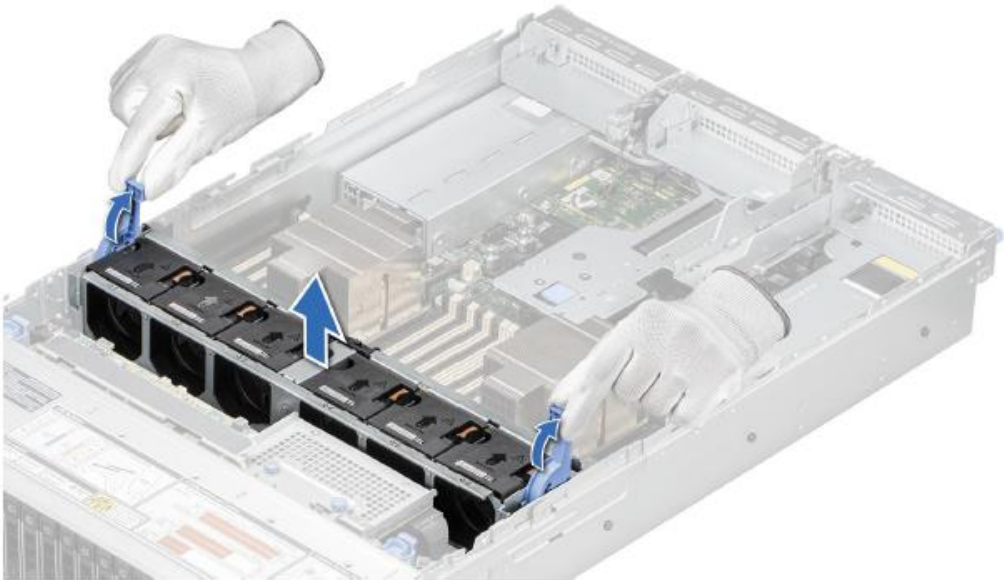
| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| |  <p data-bbox="598 868 1060 945">Figure 44. Installing a cooling fan Installation and Service Manual, 52.</p> |

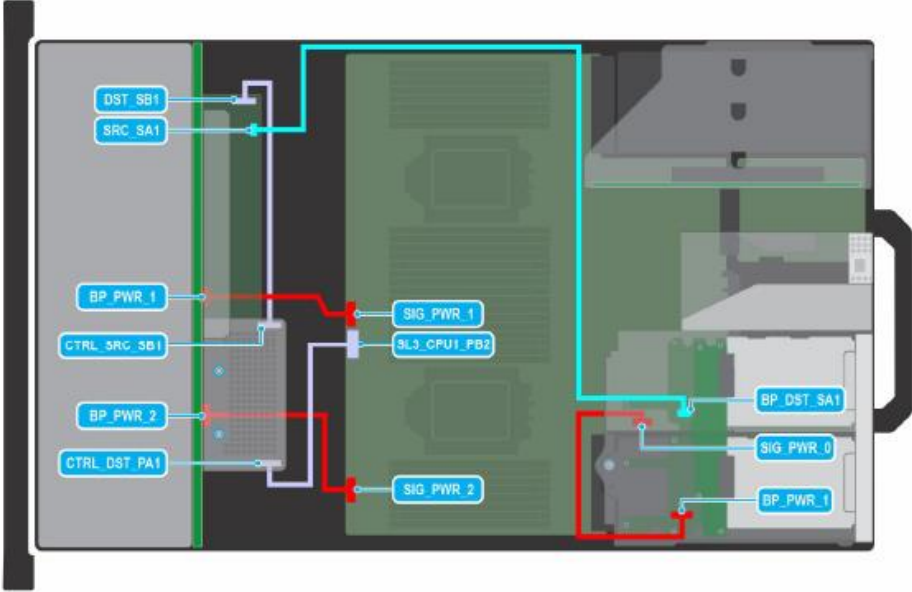
| Claim 1 | Exemplary Dell Servers ¹ |
|---------|---|
| |  <p data-bbox="594 1328 1075 1357">Installation and Service Manual, 200.</p> |

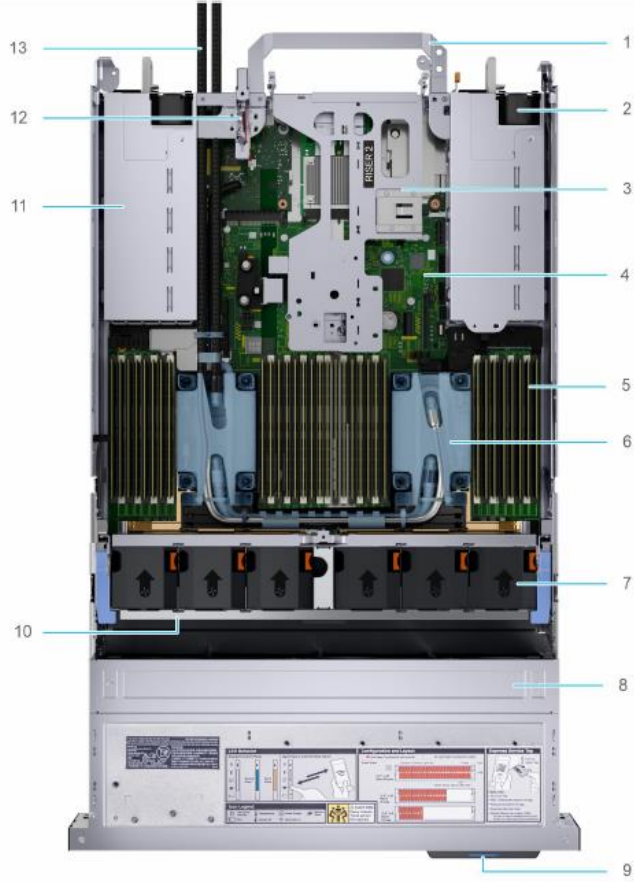
| Claim 1 | Exemplary Dell Servers ¹ |
|--|---|
| <p>[c] a central processing unit (CPU) which is arranged downstream of the plurality of fans in the housing and positioned to allow the cooling air to directly flow therethrough;</p> | <p>The Exemplary Dell Servers include a central processing unit (CPU) which is arranged downstream of the plurality of fans in the housing and positioned to allow the cooling air to directly flow therethrough.</p> <p><i>See, e.g.,:</i></p> |

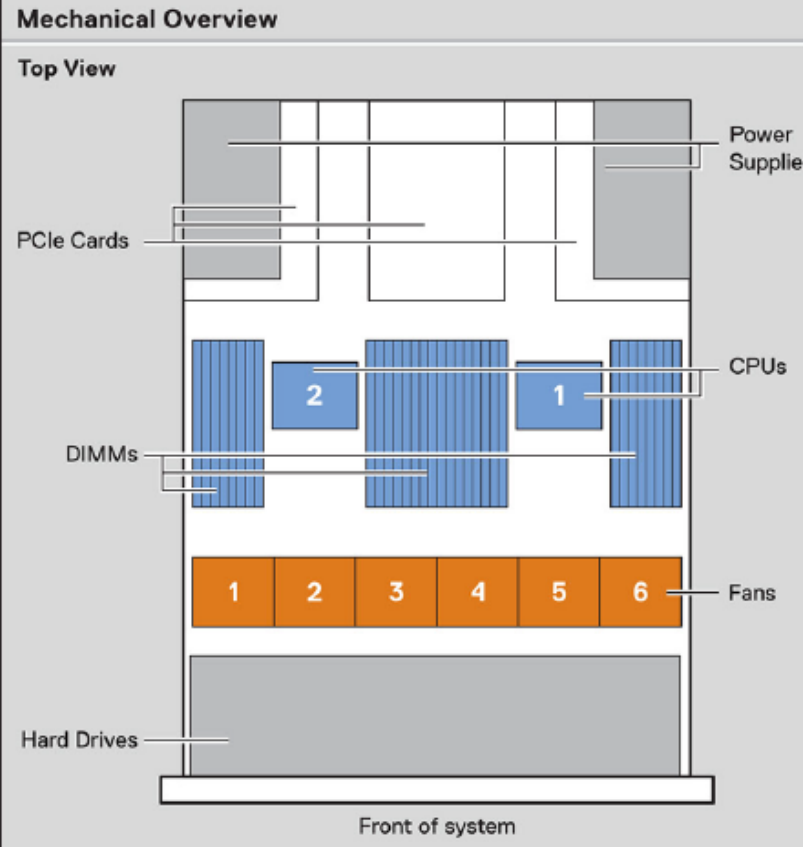
| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | |
|---------------------------------|---|-----------|------------------------------|------------|-----------------|------------------------|--------------------------|----------------|--------------------|----------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|--|
| |  <p data-bbox="604 1128 1066 1149">Figure 13. Inside the system with liquid cooling module</p> <div data-bbox="604 1156 1327 1318"> <table> <tbody> <tr> <td>1. Handle</td> <td>2. Power supply unit (PSU 1)</td> </tr> <tr> <td>3. Riser 2</td> <td>4. System board</td> </tr> <tr> <td>5. Memory DIMM sockets</td> <td>6. Liquid cooling module</td> </tr> <tr> <td>7. Cooling fan</td> <td>8. Drive backplane</td> </tr> <tr> <td>9. Service tag</td> <td>10. Cooling fan cage assembly</td> </tr> <tr> <td>11. Power supply unit (PSU 2)</td> <td>12. Intrusion switch module</td> </tr> <tr> <td>13. Liquid cooling module tubes</td> <td></td> </tr> </tbody> </table> </div> <p data-bbox="592 1323 1054 1354">Installation and Service Manual, 19.</p> | 1. Handle | 2. Power supply unit (PSU 1) | 3. Riser 2 | 4. System board | 5. Memory DIMM sockets | 6. Liquid cooling module | 7. Cooling fan | 8. Drive backplane | 9. Service tag | 10. Cooling fan cage assembly | 11. Power supply unit (PSU 2) | 12. Intrusion switch module | 13. Liquid cooling module tubes | |
| 1. Handle | 2. Power supply unit (PSU 1) | | | | | | | | | | | | | | |
| 3. Riser 2 | 4. System board | | | | | | | | | | | | | | |
| 5. Memory DIMM sockets | 6. Liquid cooling module | | | | | | | | | | | | | | |
| 7. Cooling fan | 8. Drive backplane | | | | | | | | | | | | | | |
| 9. Service tag | 10. Cooling fan cage assembly | | | | | | | | | | | | | | |
| 11. Power supply unit (PSU 2) | 12. Intrusion switch module | | | | | | | | | | | | | | |
| 13. Liquid cooling module tubes | | | | | | | | | | | | | | | |

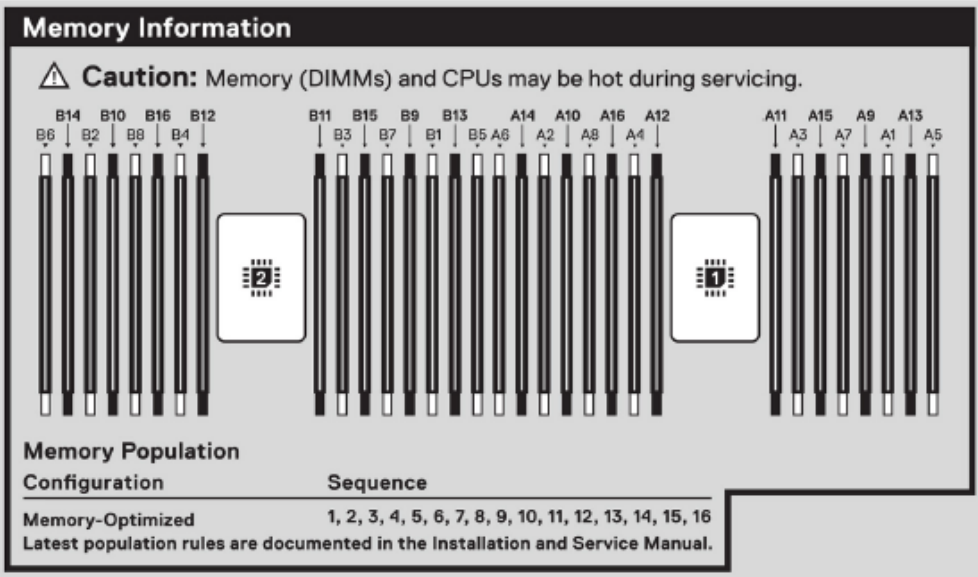
| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| | <p>Mechanical Overview</p> <p>Top View</p>  <p>Power Supply</p> <p>PCIe Cards</p> <p>CPU's</p> <p>DIMMs</p> <p>Fans</p> <p>Hard Drives</p> <p>Front of system</p> <p>Installation and Service Manual, 21.</p> |

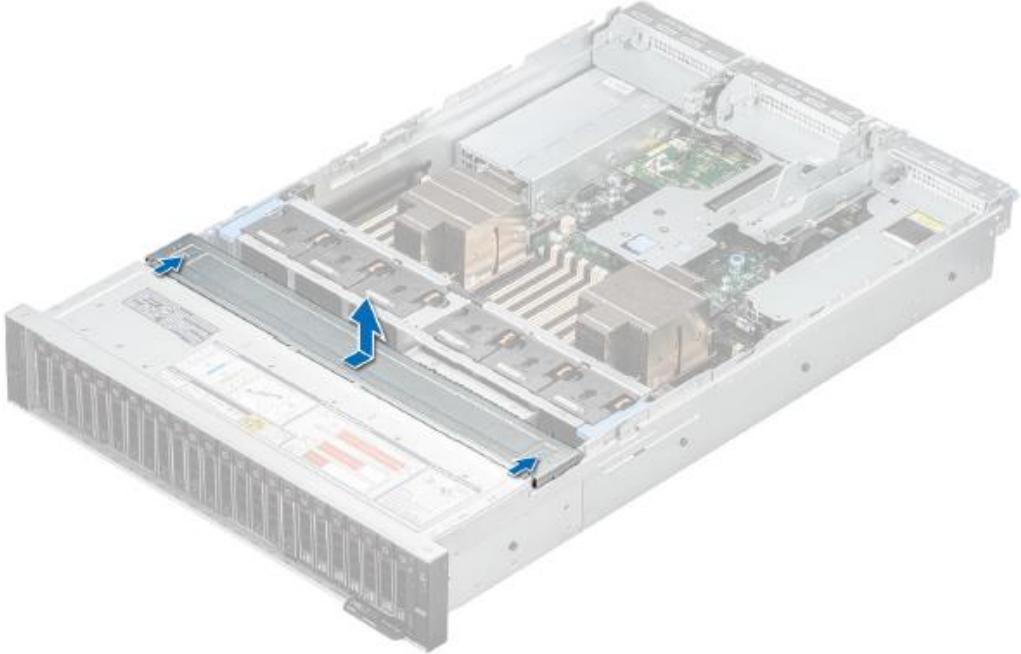
| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| |  <p data-bbox="594 841 1209 911">Figure 41. Removing the cooling fan cage assembly Installation and Service Manual, 49.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---|---|
| |  <p data-bbox="604 873 1507 901">Figure 89. 24 x 2.5-inch SAS/SATA + 4 x 2.5-inch SAS with expander and fPERC</p> <p data-bbox="594 917 1056 945">Installation and Service Manual, 86.</p> |
| <p data-bbox="201 958 573 1161">[d] a plurality of memory devices adjacent to the CPU in a width direction, substantially normal to the longitudinal direction, of the housing; and</p> | <p data-bbox="594 958 1854 1023">The Exemplary Dell Servers include a plurality of memory devices adjacent to the CPU in a width direction, substantially normal to the longitudinal direction, of the housing.</p> <p data-bbox="594 1063 720 1096"><i>See, e.g.,:</i></p> |

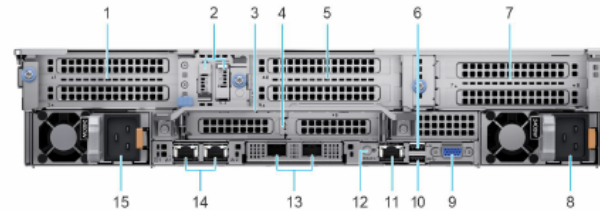
| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | |
|---------------------------------|---|-----------|------------------------------|------------|-----------------|------------------------|--------------------------|----------------|--------------------|----------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|--|
| |  <p data-bbox="604 1128 1066 1149">Figure 13. Inside the system with liquid cooling module</p> <div data-bbox="604 1156 1327 1318"> <table> <tbody> <tr> <td>1. Handle</td><td>2. Power supply unit (PSU 1)</td></tr> <tr> <td>3. Riser 2</td><td>4. System board</td></tr> <tr> <td>5. Memory DIMM sockets</td><td>6. Liquid cooling module</td></tr> <tr> <td>7. Cooling fan</td><td>8. Drive backplane</td></tr> <tr> <td>9. Service tag</td><td>10. Cooling fan cage assembly</td></tr> <tr> <td>11. Power supply unit (PSU 2)</td><td>12. Intrusion switch module</td></tr> <tr> <td>13. Liquid cooling module tubes</td><td></td></tr> </tbody> </table> </div> <p data-bbox="592 1323 1060 1354">Installation and Service Manual, 19.</p> | 1. Handle | 2. Power supply unit (PSU 1) | 3. Riser 2 | 4. System board | 5. Memory DIMM sockets | 6. Liquid cooling module | 7. Cooling fan | 8. Drive backplane | 9. Service tag | 10. Cooling fan cage assembly | 11. Power supply unit (PSU 2) | 12. Intrusion switch module | 13. Liquid cooling module tubes | |
| 1. Handle | 2. Power supply unit (PSU 1) | | | | | | | | | | | | | | |
| 3. Riser 2 | 4. System board | | | | | | | | | | | | | | |
| 5. Memory DIMM sockets | 6. Liquid cooling module | | | | | | | | | | | | | | |
| 7. Cooling fan | 8. Drive backplane | | | | | | | | | | | | | | |
| 9. Service tag | 10. Cooling fan cage assembly | | | | | | | | | | | | | | |
| 11. Power supply unit (PSU 2) | 12. Intrusion switch module | | | | | | | | | | | | | | |
| 13. Liquid cooling module tubes | | | | | | | | | | | | | | | |



| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| | <p>Mechanical Overview</p> <p>Top View</p>  <p>Installation and Service Manual, 21.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|---|
| |  <p>Figure 16. Memory information and system board connectors Installation and Service Manual, 21.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| |  <p data-bbox="596 906 1150 974">Figure 29. Removing the drive backplane cover Installation and Service Manual, 38.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|--|---|
| | <p>Figure 89. 24 x 2.5-inch SAS/SATA + 4 x 2.5-inch SAS with expander and fPERC</p> <p>Installation and Service Manual, 86.</p> |
| <p>[e] a plurality of power source units which are positioned opposite to each other and spaced out from each other in the width direction of the housing,</p> | <p>The Exemplary Dell Servers include a plurality of power source units which are positioned opposite to each other and spaced out from each other in the width direction of the housing.</p> <p><i>See, e.g.,:</i></p> |

Claim 1**Exemplary Dell Servers¹****Rear view of the system****Figure 8. Rear view of the system****Table 5. Rear view of the system**



| Item | Ports, panels, or slots | Icon | Description |
|------|---|--|---|
| 1 | PCIe expansion card riser 1 (slot 1 and slot 2) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards that are supported on your system, see the expansion card guidelines section. |
| 2 | BOSS S2 module (optional) | N/A | This slot supports the BOSS S2 module. |
| 3 | Rear handle | N/A | To lift the system. |
| 4 | PCIe expansion card riser 2 (slot 3 and slot 6) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards supported on your system, see the expansion card guidelines section. |
| 5 | PCIe expansion card riser 3 (slot 4 and slot 5) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards supported on your system, see the expansion card guidelines section. |
| 6 | USB 2.0 port (1) |  | This port is USB 2.0-compliant. |
| 7 | PCIe expansion card riser 4 (slot 7 and slot 8) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards supported on your system, see the expansion card guidelines section. |
| 8 | Power supply unit (PSU 2) |  | For more information about the PSU configurations, see the <i>PowerEdge R750 Technical Specifications</i> on product documentation page. |

Installation and Service Manual, 13.

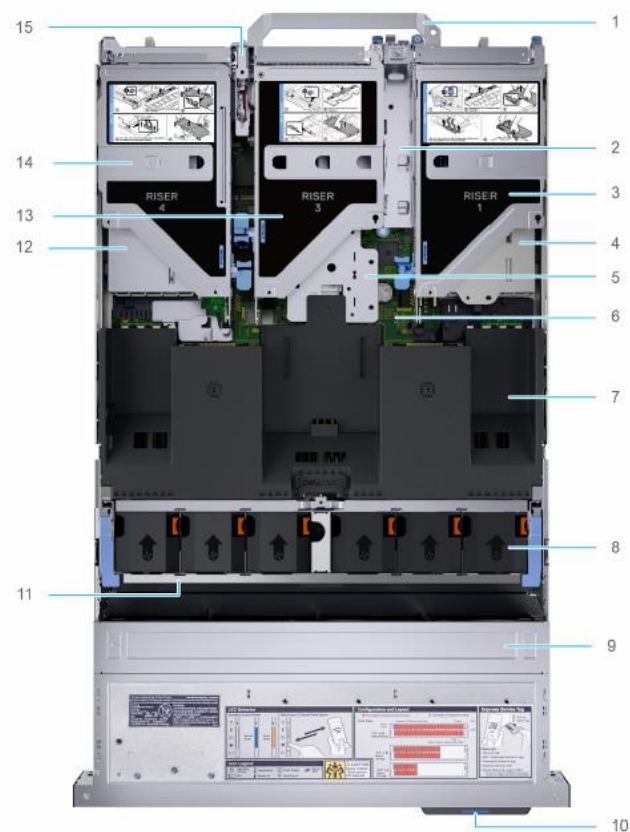
Claim 1

Exemplary Dell Servers¹

Table 5. Rear view of the system (continued)

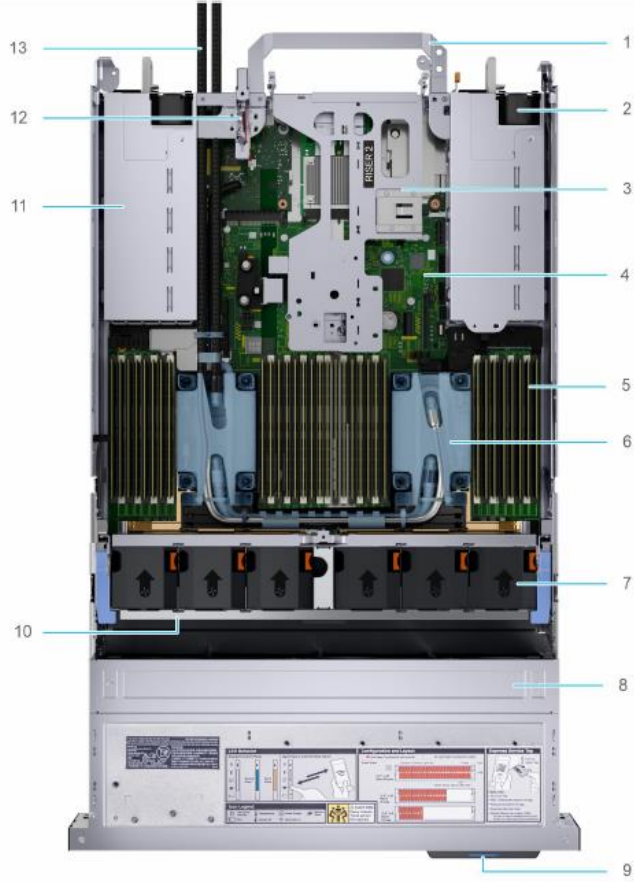
| Item | Ports, panels, or slots | Icon | Description |
|------|---------------------------|--|--|
| | | | <ul style="list-style-type: none"> If the system stops responding during POST, press and hold the system ID button (for more than 5 s) to enter the BIOS progress mode. |
| 13 | OCP NIC port (optional) | N/A | This port supports OCP 3.0. The NIC ports are integrated on the OCP card which is connected to the system board. |
| 14 | NIC port (1,2) |  | The NIC ports are embedded on the LOM card that is connected to the system board. |
| 15 | Power supply unit (PSU 1) |  | For more information about the PSU configurations, see the <i>Dell EMC PowerEdge R750 Technical Specifications</i> on product documentation page. |

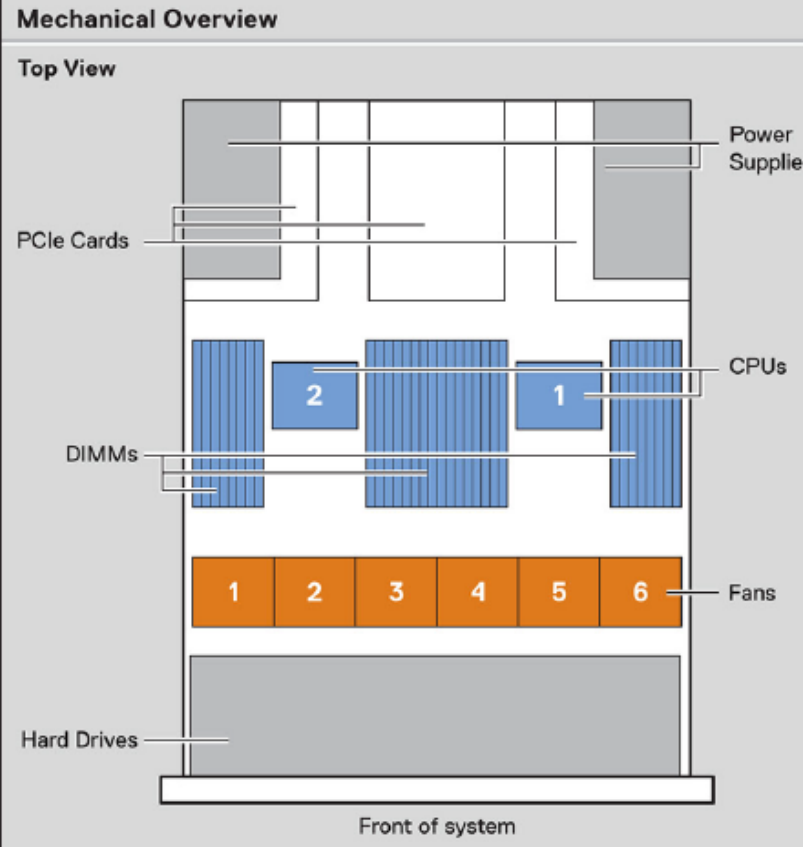
Installation and Service Manual, 14.

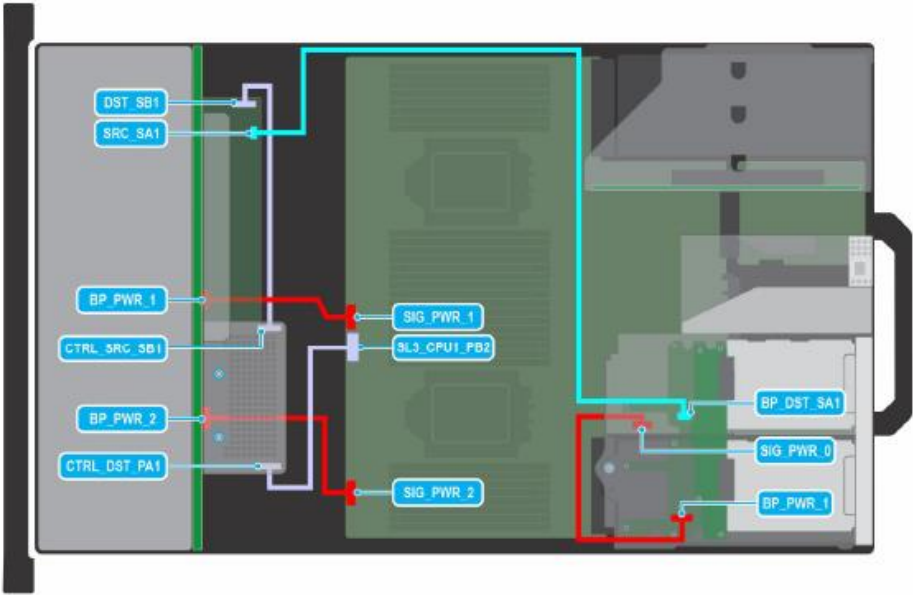
Claim 1**Exemplary Dell Servers¹****Inside the system****Figure 11. Inside the system**


- | | |
|-------------------------------|-------------------------------|
| 1. Handle | 2. BOSS S2 module bay |
| 3. Riser 1 | 4. Power supply unit (PSU 1) |
| 5. Riser 2 cage | 6. System board |
| 7. Air shroud | 8. Cooling fan |
| 9. Drive backplane cover | 10. Service tag |
| 11. Cooling fan cage assembly | 12. Power supply unit (PSU 2) |
| 13. Riser 3 | 14. Riser 4 |
| 15. Intrusion switch module | |

Installation and Service Manual, 17.

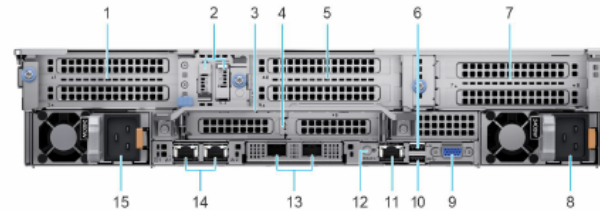
| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | |
|---------------------------------|---|-----------|------------------------------|------------|-----------------|------------------------|--------------------------|----------------|--------------------|----------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|--|
| |  <p data-bbox="604 1128 1066 1149">Figure 13. Inside the system with liquid cooling module</p> <div data-bbox="604 1156 1327 1318"> <table> <tbody> <tr> <td>1. Handle</td> <td>2. Power supply unit (PSU 1)</td> </tr> <tr> <td>3. Riser 2</td> <td>4. System board</td> </tr> <tr> <td>5. Memory DIMM sockets</td> <td>6. Liquid cooling module</td> </tr> <tr> <td>7. Cooling fan</td> <td>8. Drive backplane</td> </tr> <tr> <td>9. Service tag</td> <td>10. Cooling fan cage assembly</td> </tr> <tr> <td>11. Power supply unit (PSU 2)</td> <td>12. Intrusion switch module</td> </tr> <tr> <td>13. Liquid cooling module tubes</td> <td></td> </tr> </tbody> </table> </div> <p data-bbox="604 1323 1060 1354">Installation and Service Manual, 19.</p> | 1. Handle | 2. Power supply unit (PSU 1) | 3. Riser 2 | 4. System board | 5. Memory DIMM sockets | 6. Liquid cooling module | 7. Cooling fan | 8. Drive backplane | 9. Service tag | 10. Cooling fan cage assembly | 11. Power supply unit (PSU 2) | 12. Intrusion switch module | 13. Liquid cooling module tubes | |
| 1. Handle | 2. Power supply unit (PSU 1) | | | | | | | | | | | | | | |
| 3. Riser 2 | 4. System board | | | | | | | | | | | | | | |
| 5. Memory DIMM sockets | 6. Liquid cooling module | | | | | | | | | | | | | | |
| 7. Cooling fan | 8. Drive backplane | | | | | | | | | | | | | | |
| 9. Service tag | 10. Cooling fan cage assembly | | | | | | | | | | | | | | |
| 11. Power supply unit (PSU 2) | 12. Intrusion switch module | | | | | | | | | | | | | | |
| 13. Liquid cooling module tubes | | | | | | | | | | | | | | | |



| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| | <p>Mechanical Overview</p> <p>Top View</p>  <p>Power Supply</p> <p>PCIe Cards</p> <p>CPU's</p> <p>DIMMs</p> <p>Fans</p> <p>Hard Drives</p> <p>Front of system</p> <p>Installation and Service Manual, 21.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|---|
| |  <p data-bbox="604 873 1507 945">Figure 89. 24 x 2.5-inch SAS/SATA + 4 x 2.5-inch SAS with expander and fPERC Installation and Service Manual, 86.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|---|
| |  <p data-bbox="594 1328 1075 1356">Installation and Service Manual, 200.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|--|--|
| <p>[f] wherein the plurality of power source units are each positioned further downstream of the cooling air from the plurality of memory devices such that the cooling air passing through one of the memory devices passes into one of the power source units, and</p> | <p>The plurality of power source units in the Exemplary Dell Servers are each positioned further downstream of the cooling air from the plurality of memory devices such that the cooling air passing through one of the memory devices passes into one of the power source units.</p> <p><i>See, e.g.,:</i></p> |

Claim 1**Exemplary Dell Servers¹****Rear view of the system****Figure 8. Rear view of the system****Table 5. Rear view of the system**



| Item | Ports, panels, or slots | Icon | Description |
|------|---|--|---|
| 1 | PCIe expansion card riser 1 (slot 1 and slot 2) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards that are supported on your system, see the expansion card guidelines section. |
| 2 | BOSS S2 module (optional) | N/A | This slot supports the BOSS S2 module. |
| 3 | Rear handle | N/A | To lift the system. |
| 4 | PCIe expansion card riser 2 (slot 3 and slot 6) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards supported on your system, see the expansion card guidelines section. |
| 5 | PCIe expansion card riser 3 (slot 4 and slot 5) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards supported on your system, see the expansion card guidelines section. |
| 6 | USB 2.0 port (1) |  | This port is USB 2.0-compliant. |
| 7 | PCIe expansion card riser 4 (slot 7 and slot 8) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards supported on your system, see the expansion card guidelines section. |
| 8 | Power supply unit (PSU 2) |  | For more information about the PSU configurations, see the <i>PowerEdge R750 Technical Specifications</i> on product documentation page. |

Installation and Service Manual, 13.

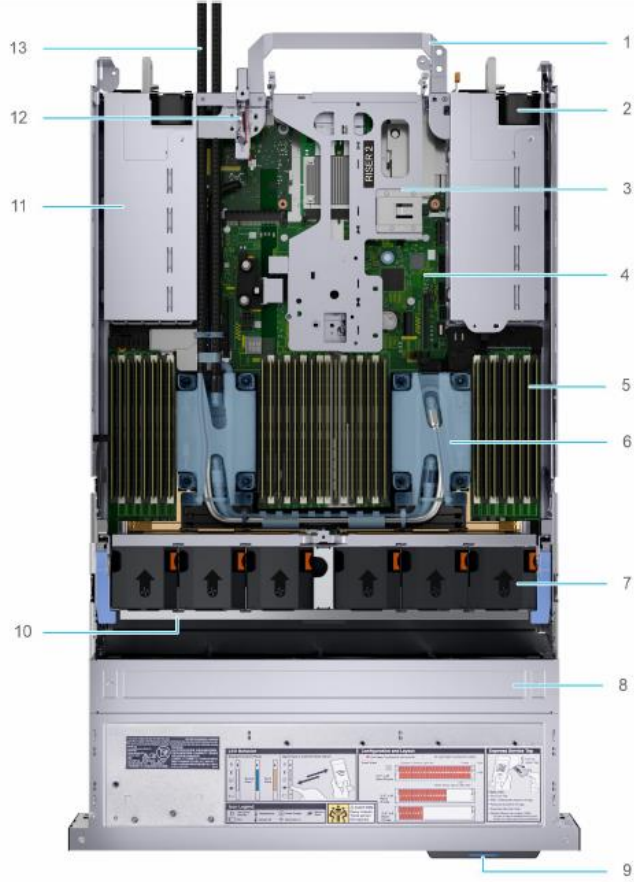
Claim 1

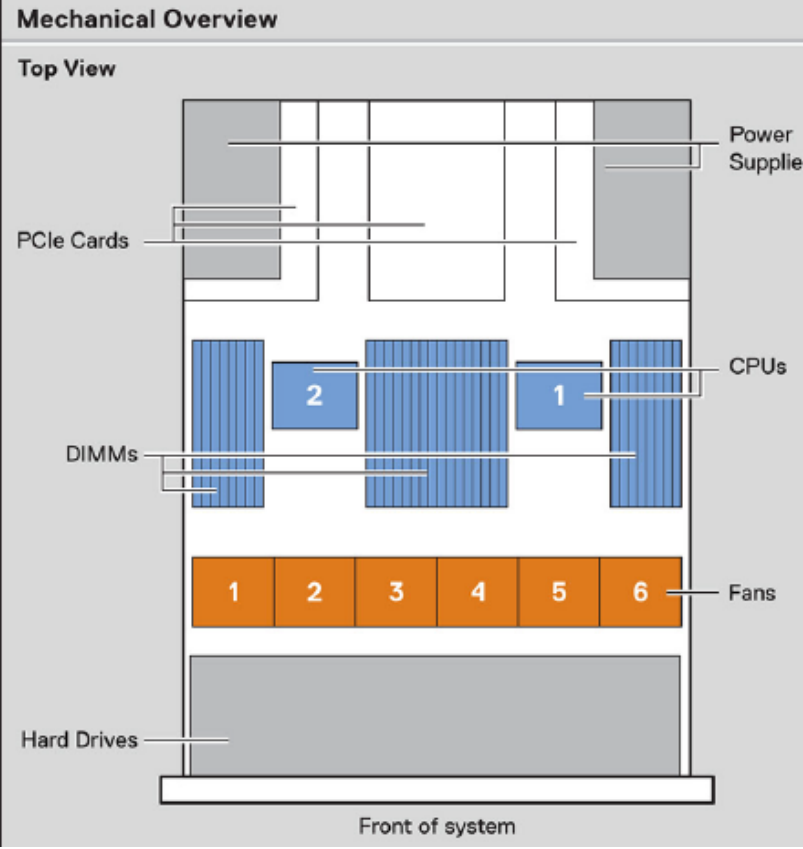
Exemplary Dell Servers¹

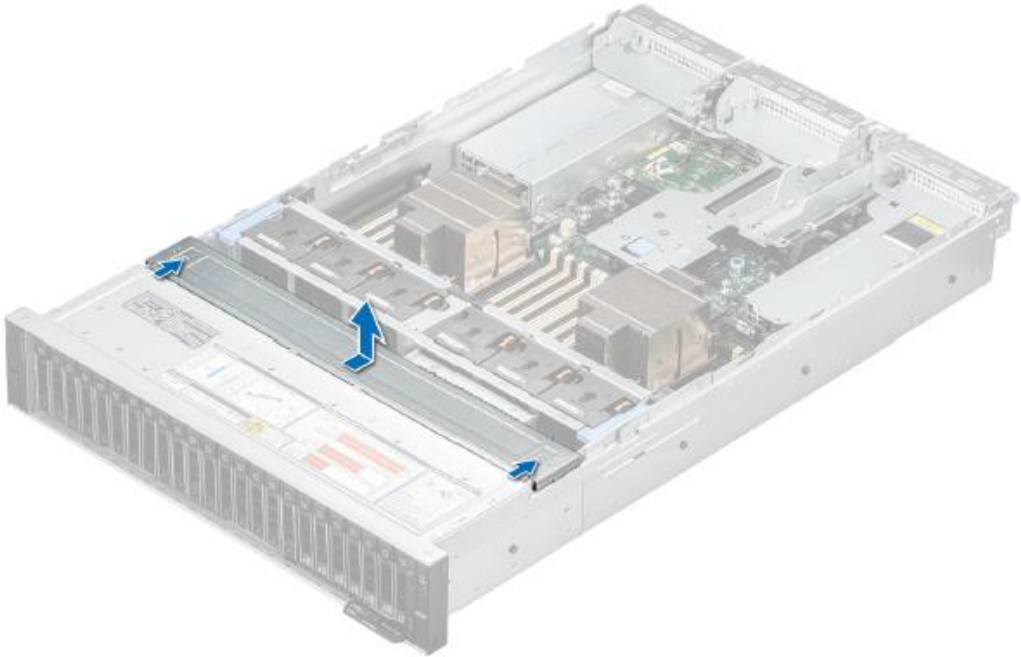
Table 5. Rear view of the system (continued)

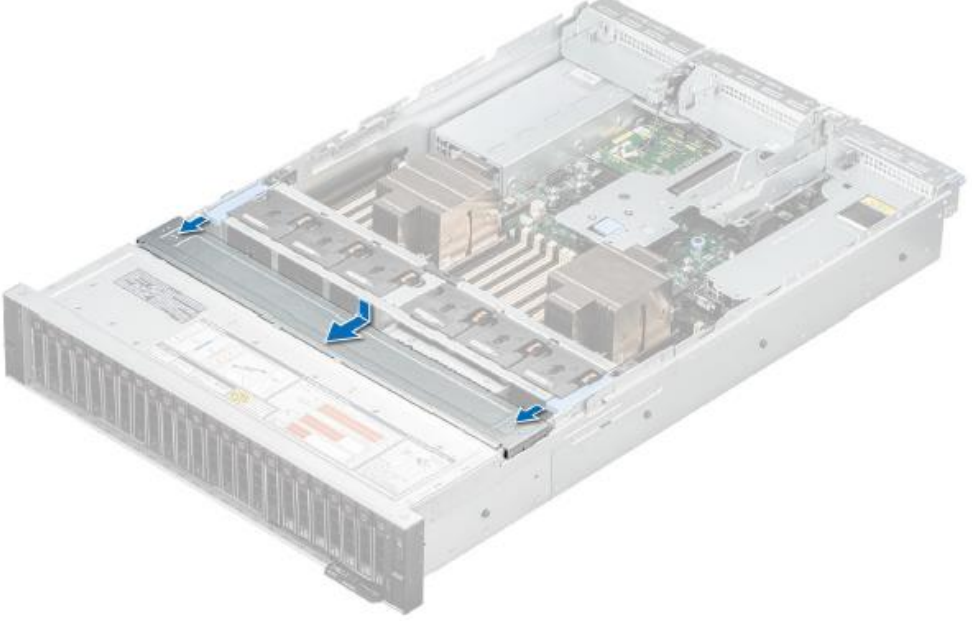
| Item | Ports, panels, or slots | Icon | Description |
|------|---------------------------|--|--|
| | | | <ul style="list-style-type: none"> If the system stops responding during POST, press and hold the system ID button (for more than 5 s) to enter the BIOS progress mode. |
| 13 | OCP NIC port (optional) | N/A | This port supports OCP 3.0. The NIC ports are integrated on the OCP card which is connected to the system board. |
| 14 | NIC port (1,2) |  | The NIC ports are embedded on the LOM card that is connected to the system board. |
| 15 | Power supply unit (PSU 1) |  | For more information about the PSU configurations, see the <i>Dell EMC PowerEdge R750 Technical Specifications</i> on product documentation page. |

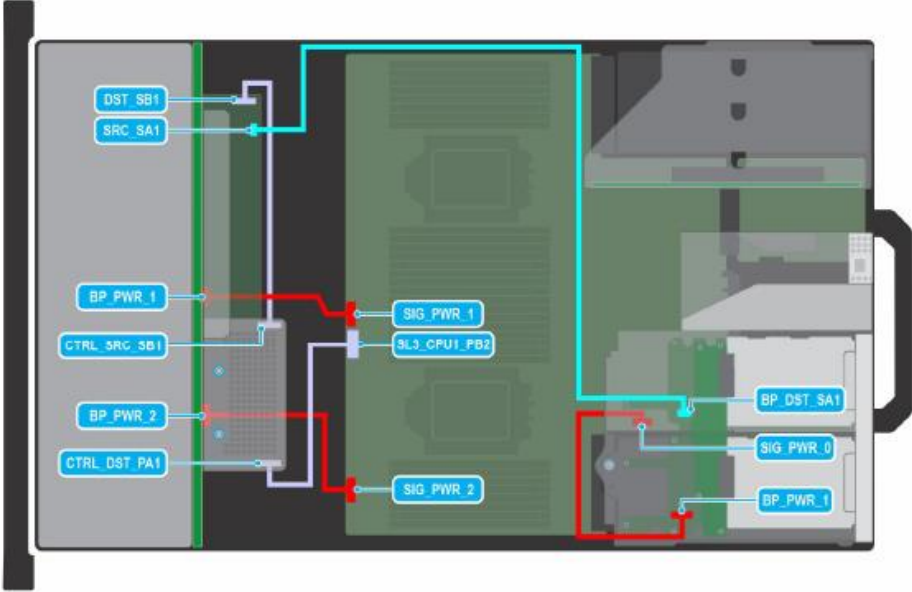
Installation and Service Manual, 14.


| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | |
|---------------------------------|---|-----------|------------------------------|------------|-----------------|------------------------|--------------------------|----------------|--------------------|----------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|--|
| |  <p data-bbox="604 1128 1066 1149">Figure 13. Inside the system with liquid cooling module</p> <div data-bbox="604 1156 1327 1318"> <table> <tbody> <tr> <td>1. Handle</td><td>2. Power supply unit (PSU 1)</td></tr> <tr> <td>3. Riser 2</td><td>4. System board</td></tr> <tr> <td>5. Memory DIMM sockets</td><td>6. Liquid cooling module</td></tr> <tr> <td>7. Cooling fan</td><td>8. Drive backplane</td></tr> <tr> <td>9. Service tag</td><td>10. Cooling fan cage assembly</td></tr> <tr> <td>11. Power supply unit (PSU 2)</td><td>12. Intrusion switch module</td></tr> <tr> <td>13. Liquid cooling module tubes</td><td></td></tr> </tbody> </table> </div> <p data-bbox="594 1328 1056 1354">Installation and Service Manual, 19.</p> | 1. Handle | 2. Power supply unit (PSU 1) | 3. Riser 2 | 4. System board | 5. Memory DIMM sockets | 6. Liquid cooling module | 7. Cooling fan | 8. Drive backplane | 9. Service tag | 10. Cooling fan cage assembly | 11. Power supply unit (PSU 2) | 12. Intrusion switch module | 13. Liquid cooling module tubes | |
| 1. Handle | 2. Power supply unit (PSU 1) | | | | | | | | | | | | | | |
| 3. Riser 2 | 4. System board | | | | | | | | | | | | | | |
| 5. Memory DIMM sockets | 6. Liquid cooling module | | | | | | | | | | | | | | |
| 7. Cooling fan | 8. Drive backplane | | | | | | | | | | | | | | |
| 9. Service tag | 10. Cooling fan cage assembly | | | | | | | | | | | | | | |
| 11. Power supply unit (PSU 2) | 12. Intrusion switch module | | | | | | | | | | | | | | |
| 13. Liquid cooling module tubes | | | | | | | | | | | | | | | |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| | <p>Mechanical Overview</p> <p>Top View</p>  <p>Installation and Service Manual, 21.</p> |

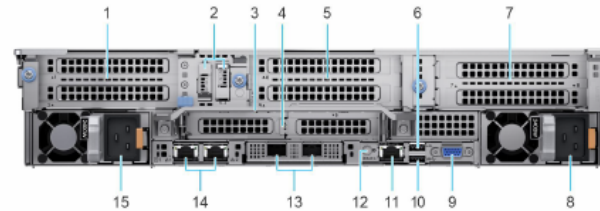
| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| |  <p data-bbox="594 906 1150 974">Figure 29. Removing the drive backplane cover Installation and Service Manual, 38.</p> |



| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| |  <p data-bbox="598 868 1155 933">Figure 30. Installing the drive backplane cover Installation and Service Manual, 39.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|--|
| |  <p data-bbox="604 873 1507 901">Figure 89. 24 x 2.5-inch SAS/SATA + 4 x 2.5-inch SAS with expander and fPERC</p> <p data-bbox="594 917 1056 945">Installation and Service Manual, 86.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|---------|---|
| |  <p data-bbox="594 1328 1075 1357">Installation and Service Manual, 200.</p> |

| Claim 1 | Exemplary Dell Servers ¹ |
|--|---|
| <p>[g] wherein the plurality of power source units are each positioned not to be aligned linearly with the CPU in the longitudinal direction of the housing.</p> | <p>The power source units in the Exemplary Dell Servers are each positioned not to be aligned linearly with the CPU in the longitudinal direction of the housing.</p> <p><i>See, e.g.,:</i></p> |

Claim 1**Exemplary Dell Servers¹****Rear view of the system****Figure 8. Rear view of the system****Table 5. Rear view of the system**



| Item | Ports, panels, or slots | Icon | Description |
|------|---|--|---|
| 1 | PCIe expansion card riser 1 (slot 1 and slot 2) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards that are supported on your system, see the expansion card guidelines section. |
| 2 | BOSS S2 module (optional) | N/A | This slot supports the BOSS S2 module. |
| 3 | Rear handle | N/A | To lift the system. |
| 4 | PCIe expansion card riser 2 (slot 3 and slot 6) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards supported on your system, see the expansion card guidelines section. |
| 5 | PCIe expansion card riser 3 (slot 4 and slot 5) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards supported on your system, see the expansion card guidelines section. |
| 6 | USB 2.0 port (1) |  | This port is USB 2.0-compliant. |
| 7 | PCIe expansion card riser 4 (slot 7 and slot 8) | N/A | The expansion card riser enables you to connect PCI Express expansion cards. For more information about the expansion cards supported on your system, see the expansion card guidelines section. |
| 8 | Power supply unit (PSU 2) |  | For more information about the PSU configurations, see the <i>PowerEdge R750 Technical Specifications</i> on product documentation page. |

Installation and Service Manual, 13.

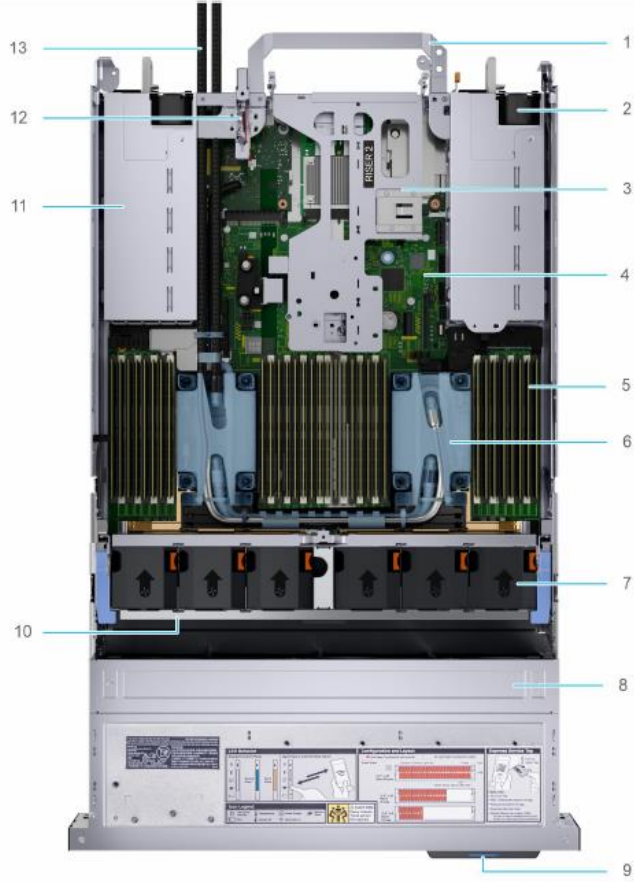
Claim 1

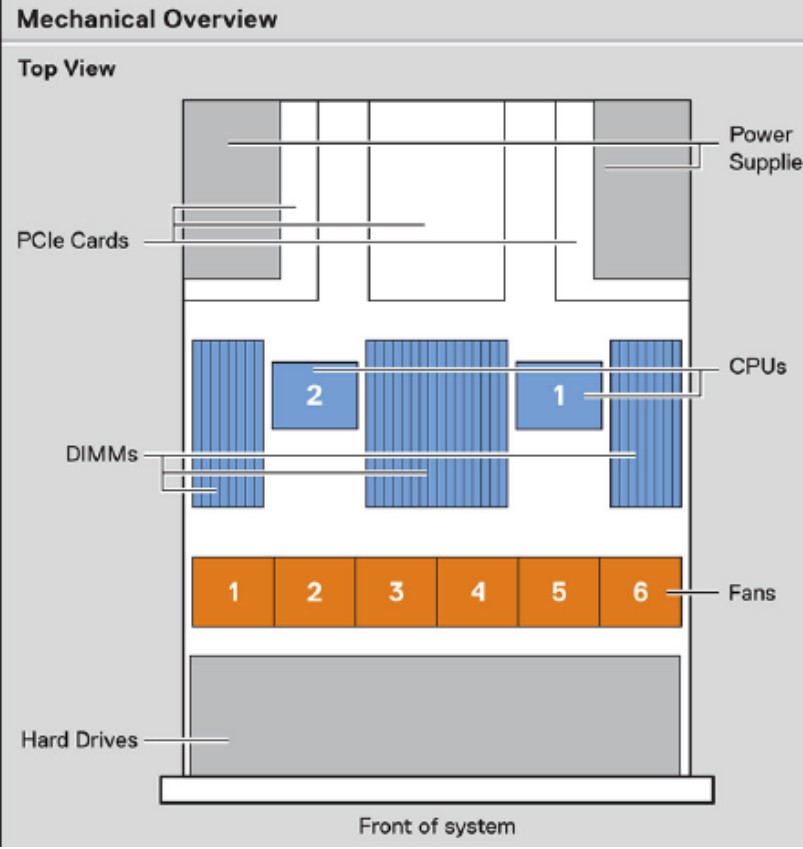
Exemplary Dell Servers¹

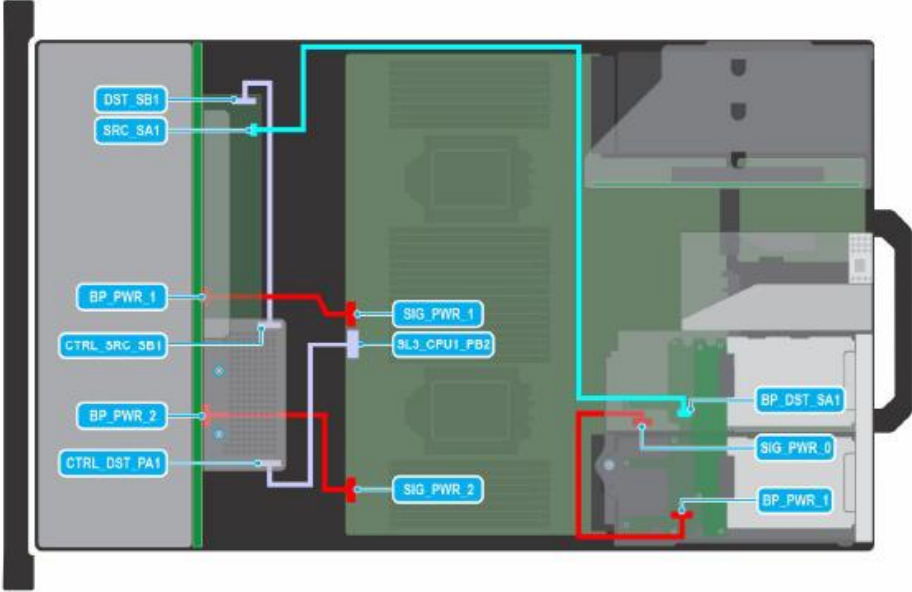
Table 5. Rear view of the system (continued)


| Item | Ports, panels, or slots | Icon | Description |
|------|---------------------------|---|--|
| | | | <ul style="list-style-type: none"> If the system stops responding during POST, press and hold the system ID button (for more than 5 s) to enter the BIOS progress mode. |
| 13 | OCP NIC port (optional) | N/A | This port supports OCP 3.0. The NIC ports are integrated on the OCP card which is connected to the system board. |
| 14 | NIC port (1,2) |  | The NIC ports are embedded on the LOM card that is connected to the system board. |
| 15 | Power supply unit (PSU 1) |  | For more information about the PSU configurations, see the <i>Dell EMC PowerEdge R750 Technical Specifications</i> on product documentation page. |

Installation and Service Manual, 14.

| Claim 1 | Exemplary Dell Servers ¹ | | | | | | | | | | | | | | |
|---------------------------------|---|-----------|------------------------------|------------|-----------------|------------------------|--------------------------|----------------|--------------------|----------------|-------------------------------|-------------------------------|-----------------------------|---------------------------------|--|
| |  <p data-bbox="604 1128 1066 1149">Figure 13. Inside the system with liquid cooling module</p> <div data-bbox="604 1156 1327 1318"> <table> <tbody> <tr> <td>1. Handle</td><td>2. Power supply unit (PSU 1)</td></tr> <tr> <td>3. Riser 2</td><td>4. System board</td></tr> <tr> <td>5. Memory DIMM sockets</td><td>6. Liquid cooling module</td></tr> <tr> <td>7. Cooling fan</td><td>8. Drive backplane</td></tr> <tr> <td>9. Service tag</td><td>10. Cooling fan cage assembly</td></tr> <tr> <td>11. Power supply unit (PSU 2)</td><td>12. Intrusion switch module</td></tr> <tr> <td>13. Liquid cooling module tubes</td><td></td></tr> </tbody> </table> </div> <p data-bbox="604 1328 1066 1354">Installation and Service Manual, 19.</p> | 1. Handle | 2. Power supply unit (PSU 1) | 3. Riser 2 | 4. System board | 5. Memory DIMM sockets | 6. Liquid cooling module | 7. Cooling fan | 8. Drive backplane | 9. Service tag | 10. Cooling fan cage assembly | 11. Power supply unit (PSU 2) | 12. Intrusion switch module | 13. Liquid cooling module tubes | |
| 1. Handle | 2. Power supply unit (PSU 1) | | | | | | | | | | | | | | |
| 3. Riser 2 | 4. System board | | | | | | | | | | | | | | |
| 5. Memory DIMM sockets | 6. Liquid cooling module | | | | | | | | | | | | | | |
| 7. Cooling fan | 8. Drive backplane | | | | | | | | | | | | | | |
| 9. Service tag | 10. Cooling fan cage assembly | | | | | | | | | | | | | | |
| 11. Power supply unit (PSU 2) | 12. Intrusion switch module | | | | | | | | | | | | | | |
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| | <p>Mechanical Overview</p> <p>Top View</p>  <p>Installation and Service Manual, 21.</p> |

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| |  <p data-bbox="604 873 1507 901">Figure 89. 24 x 2.5-inch SAS/SATA + 4 x 2.5-inch SAS with expander and fPERC</p> <p data-bbox="594 917 1056 946">Installation and Service Manual, 86.</p> |

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| |  <p data-bbox="594 1328 1075 1357">Installation and Service Manual, 200.</p> |